

Commonwealth of Kentucky
Energy and Environment Cabinet
Department for Environmental Protection

DIVISION FOR AIR QUALITY

DEP7007C
INCINERATORS &
WASTE BURNERS

EMISSION POINT# _____

This form must be completed for any apparatus used to ignite and burn solid, liquid, or gaseous combustible wastes. Items 1, 2, 3, and 4 are designed criteria on the incinerator manufacturer's nameplate. The nameplate should be in a conspicuous place on the incinerator. Copy this form as needed, and submit one copy for each unit.

1. Manufacturer's Name _____

2. Model Number _____

3. Rated Capacity _____ lb. per hour, or _____ tons per hour

4. Type: 1) Incinerator, Single Chamber _____ Multiple Chamber _____
2) Waste Burner (teepee, truncated cone, silo, other) _____

5. Are instructions for the operation of the incinerator posted in a conspicuous place near the incinerator?

☐ Yes ☐ No

6. Maximum Quantity of Waste Burned: Amount to which permit will be conditioned

(Check appropriate units) __ tons/year* _____ cubic yards/day _____ pounds/hour

_____ density of waste

7. Maximum Operating Schedule*:

_____ hours per day, _____ days per week, _____ weeks per year Other _____

8. Type of Waste Burned (Include composition of waste)

_____ Municipal _____ Industrial _____ Hazardous _____ Medical

_____ Other (please specify)

9. Plan of the Unit – The Applicant must submit a Manufacturer's Drawing or Drawing Clearly Illustrating all Dimensions and Construction Details of the unit.

* Should be entered only if applicant requests operating restrictions through federally enforceable permit conditions.

10. Combustion Air:

(a) Draft: _____ Natural Draft _____ Induced Draft _____ Forced Draft Pressure _____ in. H₂O

(b) Air Distribution: _____ Overfire _____ Underfire _____ Secondary
_____ Number of Ports _____ Port Size (square inches) _____ Air Flow (SCFM)

11. Shell Construction:

(a) Type of material and thickness: _____

(b) Type of insulation and thickness: _____

(c) Type of refractory, thickness and temperature rating: _____

(d) Type of seams: _____

(e) Method used to tie refractory to outside shell: _____

(f) Stack Shell:

Type of material and thickness: _____

Type of refractory, thickness and temperature rating: _____

12. Burner Specifications:

(a) Damper: Barometric _____ Guillotine _____ None _____

(b) Primary burner (combustion chamber):

Fuel: _____

BTU/hour rating: _____ Primary Temperature: _____

(c) Secondary burner:

Fuel: _____

BTU/hour rating: _____ Secondary Temperature: _____

Secondary Residence Time: _____

(d) Other (*specify*) _____

13. Control Equipment:

Complete Form DEP7007N, Emissions, Stacks, and Controls Information

14. Stack Test History:

(a) Have stack tests been performed on the unit? ☐ Yes ☐ No

(b) Are the results of the stack tests enclosed and made part of this permit application? ☐ Yes ☐ No

(c) Are the results of the stack tests on file in the Division office? ☐ Yes ☐ No